

Title (en)

IMAGE GUIDED PATIENT SETUP FOR RADIOTHERAPY

Title (de)

BILDGEFÜHRTE PATIENTENEINRICHTUNG FÜR STRAHLENTHERAPIE

Title (fr)

PRÉPARATION DE PATIENT GUIDÉE PAR IMAGE POUR RADIOTHÉRAPIE

Publication

EP 3408832 A1 20181205 (EN)

Application

EP 18705669 A 20180223

Priority

- EP 2017054323 W 20170224
- EP 2018053100 W 20180207
- EP 2018054516 W 20180223

Abstract (en)

[origin: WO2018154055A1] The present invention relates to a method for setting up a patient for radiotherapy, wherein the patient is scanned prior to therapy in both, a free-breathing state and a DIBH-state for which the patient performs a so-called "deep inspiration breath-hold". The obtained data is registered to a CT-dataset which forms the basis for a treatment plan. The patient is then set up with respect to a radiation treatment apparatus based on the data obtained for the free-breathing state.

IPC 8 full level

G06T 7/30 (2017.01); **G06T 7/33** (2017.01)

CPC (source: EP)

G06T 7/33 (2016.12); **G06T 2207/10072** (2013.01); **G06T 2207/30096** (2013.01)

Citation (search report)

See references of WO 2018154055A1

Cited by

US2022262018A1; WO2022177930A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2018154055 A1 20180830; EP 3408832 A1 20181205; EP 3408832 B1 20200715

DOCDB simple family (application)

EP 2018054516 W 20180223; EP 18705669 A 20180223